# AWARD/ MODIFICATION

3a. ISSUED BY:
OFFICE OF NAVAL RESEARCH
BALLSTON CENTRE TOWER ONE
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660

1. INSTRUMENT TYPE: Grant
3b. CFDA: 12.300
2. AUTHORITY: 10 USC 2358, 31 USC 6304
3c. DUNS NUMBER:

| 4. AWARD NO.: | 5. MODIFICATION NO.: | 6. MODIFICATION TYPE: | 7. PR NO.: | PAGE |
|---|---|---|---|---|
| N00014-02-1-0628 | P00002 | Option | 04PR04989-01 | 1 of 5 |

| 8. ACTIVITY/AGENCY PROPOSAL NO.: | 9. RECIPIENT PROPOSAL NO.: | 10. PROPOSAL DATE: | 11. ACTIVITY TYPE: | 12. PROGRAM TYPE: |
|---|---|---|---|---|
| N/A | N/A | Undated | Research | N/A |

13. ISSUED TO
13a. ADDRESS:
PURDUE UNIVERSITY
SPONSORED PROGRAM SERVICES
1063 HOVDE HALL
WEST LAFAYETTE, IN 47907-1063

13b. CAGE: 6D418
13c. EDI/EFT NUMBER: 2113AU

13d. BUSINESS OFFICE CONTACT: Wright, Thomas B.
13e. TELEPHONE NUMBER: (765) 4941078
13f. EMAIL ADDRESS: tbwright@purdue.edu

14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13):
Same as block #13

15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE:
Development of Process Technologies for High Performance MOS Based SiC Power Switching Devices

| 16. FUNDING | ACTIVITY/AGENCY SHARE | RECIPIENT SHARE | TOTAL |
|---|---|---|---|
| PREVIOUSLY OBLIGATED: | $1,807,760 | $.00 | $1,807,760 |
| OBLIGATED BY THIS ACTION: | $534,506 | $.00 | $534,506 |
| TOTAL OBLIGATED ON AWARD: | $2,342,266 | $.00 | $2,342,266 |
| FUTURE FUNDING: | $ | $.00 | $ |
| GRANT TOTAL: | $2,342,266 | $.00 | $2,342,266 |

17. CURRENT FUNDING PERIOD
N/A
THROUGH
N/A

18. PERIOD OF PERFORMANCE
01-JUL-2002
THROUGH
30-JUN-2004

19. ACCOUNTING AND APPROPRIATION DATA:
See attached Financial Accounting Data Sheet(s)

20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE:
(PI) James A. Cooper
20b. TELEPHONE NUMBER: (765) 4943514
20c. EMAIL ADDRESS: cooperj@ecn.purdue.edu

21. TECHNICAL REPRESENTATIVE
21a. NAME: Ingham Mack
21b. CODE: ONR 312
21c. ADDRESS:
OFFICE OF NAVAL RESEARCH
BALLSTON CENTRE TOWER ONE
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660
21d. TELEPHONE NUMBER: (703) 6964825
21e. EMAIL ADDRESS: macki@onr.navy.mil

22. AWARDING OFFICE CONTACT
22a. NAME: Elizabeth L. Ford
22b. CODE: ONR 251
22c. ADDRESS:
OFFICE OF NAVAL RESEARCH
BALLSTON CENTRE TOWER ONE
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660
22d. TELEPHONE NUMBER: (703) 6962576
22e. EMAIL ADDRESS: forde@onr.navy.mil

23a. ADMINISTRATIVE OFFICE:
OFFICE OF NAVAL RESEARCH REGIONAL OFFICE CHICAGO
230 SOUTH DEARBORN, ROOM 380
CHICAGO IL 60604-1595
Fax: (312) -886-2094
23b. CODE: N62880

24. SUBMIT PAYMENT REQUEST TO:
Same as block #23a

25a. PAYING OFFICE:
DFAS CHARLESTON, SC
25b. CODE: N68892

26a. PATENT OFFICE:
OFFICE OF NAVAL RESEARCH
ATTN: ONR 00CC
BALLSTON CENTRE TOWER ONE
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660
26b. CODE: N00014

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27. SPECIAL INSTRUCTIONS:

See "Special Requirements" Attachment

28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/02/024/offices.htm

Full Delegation

29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.

| DOCUMENT | | URL | CLAUSES |
|---|---|---|---|
| UAWA | Award A | http://www.onr.navy.mil/02/terms.htm | |
| UAAC | Acceptance C | http://www.onr.navy.mil/02/terms.htm | |
| UBB1 | FDP IV October 2002 | http://www.nsf.gov/home/grants/grants_fdp.htm | |
| UVV1 | ONR FDP Specific OCT 2002 | http://www.nsf.gov/pubs/fdp/onr02.pdf | |

30. OPTIONS OPTION NO. AMOUNT PERIOD

(1)
(2)
(3)
(4)

31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".

| ADDRESSEE | REPORT TYPE | COPIES |
|---|---|---|
| See block #21 (Frequency) | Final Technical Report w/ SF298<br>Performance/Technical Report (As Required) w/ SF298 | 1<br>1 |
| See block #23a | Report of Inventions and Subcontracts - DD 882<br>Final Technical Report - Transmittal letter only<br>Performance/Technical Report (As Required)<br>Final Financial Status Report - SF269A - If advances used | 1<br>1<br>1<br>1 |
| See block #26a | Report of Inventions and Subcontracts - DD 882 | 1 |
| DEFENSE TECHNICAL INFORMATION CENTER<br>8725 JOHN J KINGMAN ROAD STE 0944<br>FORT BELVOIR VA 22060-6218 | Final Technical Report w/ SF298<br>Performance/Technical Report (As Required) w/ SF298 | 1<br>1 |
| NAVAL RESEARCH LABORATORY<br>ATTN: CODE 5227<br>4555 OVERLOOK AVENUE SW<br>WASHINGTON DC 20375-5320 | Final Technical Report w/ SF298<br>Performance/Technical Report (As Required) w/ SF298 | 1<br>1 |

| 32. FOR THE RECIPIENT | | 33. FOR THE UNITED STATES OF AMERICA | |
|---|---|---|---|
| 32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN<br>N/A - SIGNATURE NOT REQUIRED ON THIS AWARD | | 33a. SIGNATURE OF AWARDING OFFICER<br>(b) (6) | |
| 32b. NAME AND TITLE OF SIGNER | 32c. DATE SIGNED | 33b. NAME AND TITLE OF AWARD OFFICER<br>Elizabeth L. Ford | 33c. DATE SIGNED<br>07-JAN-2004 |

# FINANCIAL ACCOUNTING DATA SHEET - NAVY

| 1. CONTRACT NUMBER (CRITICAL) | 2. SPIIN (CRITICAL) | 3. MOD (CRITICAL) | 4. PR NUMBER | PAGE 3 OF 5 |
|---|---|---|---|---|
| N00014-02-1-0628 | | P00002 | 04PR04989-01 | |

| CLIN/SLIN | 6. LINE OF ACCOUNTING | | | | | | | | | | | | 7. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A. ACRN (CRITICAL) | B. APPROPRIATION (CRITICAL) | C. SUBHEAD (CRITICAL) | D. OBJ CLA | E. PARM | F. RFM | G. SA | H. AAA (CRITICAL) | I. IT | J. PAA | K. COST CODE | | | AMOUNT (CRITICAL) | NAVY INTERNAL USE ONLY REF DOC/ACRN |
| | | | | | | | | | | | PROJ UNIT | MCC | PDLI & SUF | | |
| | AC | 9740400 | 1304 | 255 | RA | 313 | 0 | 068342 | 2D | 000000 | R4Y10 | 000 | N132 | $534,506.00 | PR#04PR04989-01 FRC:A110 |
| | | | | | | | | | | | | | PAGE TOTAL | $534,506.00 | |
| | | | | | | | | | | | | | GRAND TOTAL | $534,506.00 | |

PREPARED/AUTORIZED BY:

DATE:

COMPTROLLER APPROVAL:
FOR FISCAL DATA AND SIGNATURE
BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED
DATE:

# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

| 1. CONTRACT NUMBER (CRITICAL) | 2. SPIIN (CRITICAL) | 3. MOD (CRITICAL) | 4. PR NUMBER | PAGE 4 OF 5 |
|---|---|---|---|---|
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| 5. CLIN/SLIN | 6. ACRN (CRITICAL) | 7. ACCOUNTING CITATION | 8. AMOUNT (CRITICAL) | | NAVY INTERNAL USE ONLY REF DOC/ACRN |
|---|---|---|---|---|---|
| | | This page is intentionally blank | | | |
| | | PAGE TOTAL | $.0 | | |
| | | GRAND TOTAL | $.0 | | |

PREPARED/AUTHORIZED BY:

DATE:

COMPTROLLER APPROVAL:
FOR FISCAL DATA AND SIGNATURE
BY_____ for COMPTROLLER, ONR CONTRACT REVIEWED
DATE:

The purpose of this Modification is to exercise option 2 and provide an increment of funding under Grant N00014-02-1-0628.